

Table C-1
BACKGROUND DATA - SURFACE WATER METALS 95th UTLs

Analyte	Fall 1999					Spring 2000					Preliminary Background Limit (ug/l)
	N	ND	Max	Preliminary Background Limit	Units	N	ND	Max	Preliminary Background Limit	Units	
Aluminum, total	20	2	8540	6362	ug/l	20	0	7480	7711.8	ug/l	6400
Antimony, dissolved	20	20	2.2	2.2	ug/l	20	15	6.2	5.7884	ug/l	2.2
Arsenic, dissolved	20	0	21.3	19.169	ug/l	20	0	7.9	8.3598	ug/l	8.4
Barium, dissolved	20	0	252	252	ug/l	20	0	147	75.198	ug/l	75
Beryllium, dissolved	20	20	0.24	0.24	ug/l	20	19	0.26	0.26	ug/l	0.24
Cadmium, dissolved	20	20	0.2	0.2	ug/l	20	20	0.5	0.5	ug/l	0.2
Chromium, dissolved	20	19	0.63	0.63	ug/l	20	12	3.2	3.1837	ug/l	0.63
Cobalt, dissolved	20	17	6	1.6056	ug/l	20	19	1.4	1.4	ug/l	1.4
Copper, dissolved	20	18	2.2	2.2	ug/l	20	16	3	3	ug/l	2.2
Iron, total	20	1	20200	21216	ug/l	20	0	5230	4877.6	ug/l	4900
Lead, dissolved	20	19	1.8	1.8	ug/l	20	10	4.5	3.1318	ug/l	1.8
Magnesium, dissolved	20	0	17900	17900	ug/l	20	0	8730	8730	ug/l	8700
Manganese, dissolved	20	4	2040	808.46	ug/l	20	0	33.3	33.28	ug/l	33
Mercury, dissolved	20	19	0.1	0.1	ug/l	20	20	0.1	0.1	ug/l	0.1
Nickel, dissolved	20	20	5	5	ug/l	20	18	1.4	1.4	ug/l	1.4
Selenium, total	20	20	1	1	ug/l	20	20	1.3	1.3	ug/l	1
Sulfate	20	0	26.3	20.445	mg/l	20	0	8.36	6.8836	mg/l	6900
Thallium, dissolved	20	20	1.1	1.1	ug/l	20	20	1.8	1.8	ug/l	1.1
Vanadium, dissolved	20	18	3.3	3.3	ug/l	20	4	7.6	6.6868	ug/l	3.3
Zinc, dissolved	20	19	13.6	13.6	ug/l	20	2	8.6	9.7668	ug/l	9.8

Table C-2
BACKGROUND DATA - SURFACE WATER URANIUM TOTAL MASS AND RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Units	Parameter Name	Result	Detected Results	Data Qualifier
SDBK-09/SWBK-09	URS	16-Sep-99	mg/l	Uranium Mass, calculated	0.0004	0.0004	
SWBK-22	URS	30-Sep-99	mg/l	Uranium Mass, calculated	0.0004	0.0004	
SDBK-12/SWBK-12	URS	17-Sep-99	mg/l	Uranium Mass, calculated	0.0005	0.0005	
SWBK-19	URS	30-Sep-99	mg/l	Uranium Mass, calculated	0.0005	0.0005	
SWBK-20	URS	30-Sep-99	mg/l	Uranium Mass, calculated	0.0005	0.0005	
SWBK-13/SDBK-13	URS	22-Sep-99	mg/l	Uranium Mass, calculated	0.0007	0.0007	
SWBK-24	URS	29-Oct-99	mg/l	Uranium Mass, calculated	0.0007	0.0007	
SWBK-11/SDBK-11	URS	22-Sep-99	mg/l	Uranium Mass, calculated	0.0008	0.0008	
SWBK-16/SDBK-16	URS	15-Sep-99	mg/l	Uranium Mass, calculated	0.001	0.001	J
SWNW-02/SDNW-02	URS	14-Sep-99	mg/l	Uranium Mass, calculated	0.002	0.002	J
SDBK-02/SWBK-02	URS	24-Sep-99	mg/l	Uranium Mass, calculated	0.002	0.002	
SWBK-23/SDBK-23	URS	30-Sep-99	mg/l	Uranium Mass, calculated	0.002	0.002	
SWBK-18	URS	23-Sep-99	mg/l	Uranium Mass, calculated	0.004	0.004	
SDBK-01/SWBK-01	URS	13-Sep-99	mg/l	Uranium Mass, calculated	0.005	0.005	J
SWNW-03/SDNW-03	URS	13-Sep-99	mg/l	Uranium Mass, calculated	0.006	0.006	
SWBK-21	URS	30-Sep-99	mg/l	Uranium Mass, calculated	0.006	0.006	
SWNW-01/SDNW-01	URS	14-Sep-99	mg/l	Uranium Mass, calculated	0.008	0.008	
SDBK-04/SWBK-04	URS	25-Sep-99	mg/l	Uranium Mass, calculated	0.008	0.008	
SWBK-17	URS	23-Sep-99	mg/l	Uranium Mass, calculated	0.017	0.017	
				Uranium Mass, calculated		0.017	
SWBK-19	URS	12-Apr-00	mg/l	Uranium Mass, calculated	0.0002	0.0002	
SDBK-01/SWBK-01	URS	5-Apr-00	mg/l	Uranium Mass, calculated	0.001	0.001	
SWBK-21	URS	7-Apr-00	mg/l	Uranium Mass, calculated	0.001	0.001	
SWBK-22	URS	7-Apr-00	mg/l	Uranium Mass, calculated	0.001	0.001	
SWNW-03/SDNW-03	URS	11-Apr-00	mg/l	Uranium Mass, calculated	0.001	0.001	
SWBK-13/SDBK-13	URS	10-Apr-00	mg/l	Uranium Mass, calculated	0.002	0.002	
SDBK-12/SWBK-12	URS	11-Apr-00	mg/l	Uranium Mass, calculated	0.002	0.002	
SWBK-11/SDBK-11	URS	11-Apr-00	mg/l	Uranium Mass, calculated	0.002	0.002	
SWBK-17	URS	12-Apr-00	mg/l	Uranium Mass, calculated	0.002	0.002	
SWBK-20	URS	12-Apr-00	mg/l	Uranium Mass, calculated	0.002	0.002	
SDBK-02/SWBK-02	URS	5-Apr-00	mg/l	Uranium Mass, calculated	0.003	0.003	
SDBK-09/SWBK-09	URS	7-Apr-00	mg/l	Uranium Mass, calculated	0.003	0.003	
SWBK-18	URS	12-Apr-00	mg/l	Uranium Mass, calculated	0.003	0.003	
SDBK-04/SWBK-04	URS	5-Apr-00	mg/l	Uranium Mass, calculated	0.004	0.004	
SWBK-24	URS	12-Apr-00	mg/l	Uranium Mass, calculated	0.004	0.004	
SWNW-01/SDNW-01	URS	11-Apr-00	mg/l	Uranium Mass, calculated	0.006	0.006	
SWBK-23/SDBK-23	URS	13-Apr-00	mg/l	Uranium Mass, calculated	0.006	0.006	
SWNW-02/SDNW-02	URS	11-Apr-00	mg/l	Uranium Mass, calculated	0.007	0.007	
SWBK-16/SDBK-16	URS	13-Apr-00	mg/l	Uranium Mass, calculated	0.008	0.008	
				Uranium Mass, calculated		0.008	
SDBK-01/SWBK-01	URS	13-Sep-99	pCi/L	Radium 226	0.016	0.016	
SWBK-24	URS	29-Oct-99	pCi/L	Radium 226	0.0939	0.0939	J
SDBK-01/SWBK-01	URS	13-Sep-99	pCi/L	Radium 226	0.0949	0.0949	
SDBK-01/SWBK-01	URS	13-Sep-99	pCi/L	Radium 226	0.102	0.102	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/L	Radium 226	0.117	0.117	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/L	Radium 226	0.118	0.118	
SWBK-22	URS	30-Sep-99	pCi/L	Radium 226	0.119	0.119	J
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/L	Radium 226	0.138	0.138	
SWBK-21	URS	30-Sep-99	pCi/L	Radium 226	0.138	0.138	J
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/L	Radium 226	0.154	0.154	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/L	Radium 226	0.163	0.163	
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/L	Radium 226	0.169	0.169	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/L	Radium 226	0.191	0.191	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/L	Radium 226	0.218	0.218	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/L	Radium 226	0.239	0.239	

Table C-2
BACKGROUND DATA - SURFACE WATER URANIUM TOTAL MASS AND RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Units	Parameter Name	Result	Detected Results	Data Qualifier
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/L	Radium 226	0.315	0.315	
SWBK-19	URS	30-Sep-99	pCi/L	Radium 226	0.347	0.347	J
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/L	Radium 226	0.404	0.404	
SWBK-23/SDBK-23	URS	30-Sep-99	pCi/L	Radium 226	1.03	1.03	J
SWBK-18	URS	23-Sep-99	pCi/L	Radium 226	1.18	1.18	
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/L	Radium 226	1.27	1.27	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/L	Radium 226	1.42	1.42	
SWBK-17	URS	23-Sep-99	pCi/L	Radium 226	1.81	1.81	
				Radium 226		1.81	
SWBK-19	URS	12-Apr-00	pCi/L	Radium 226	0.127	0.127	
SDBK-01/SWBK-01	URS	5-Apr-00	pCi/L	Radium 226	0.135	0.135	
SWBK-22	URS	7-Apr-00	pCi/L	Radium 226	0.174	0.174	
SWBK-20	URS	12-Apr-00	pCi/L	Radium 226	0.345	0.345	
SWBK-13/SDBK-13	URS	10-Apr-00	pCi/L	Radium 226	0.378	0.378	
SDBK-12/SWBK-12	URS	11-Apr-00	pCi/L	Radium 226	0.388	0.388	
SDBK-12/SWBK-12	URS	11-Apr-00	pCi/L	Radium 226	0.389	0.389	
SDBK-04/SWBK-04	URS	5-Apr-00	pCi/L	Radium 226	0.404	0.404	
SWBK-17	URS	12-Apr-00	pCi/L	Radium 226	0.411	0.411	
SWBK-11/SDBK-11	URS	11-Apr-00	pCi/L	Radium 226	0.416	0.416	
SWNW-03/SDNW-03	URS	11-Apr-00	pCi/L	Radium 226	0.418	0.418	
SWBK-21	URS	7-Apr-00	pCi/L	Radium 226	0.461	0.461	
SDBK-09/SWBK-09	URS	7-Apr-00	pCi/L	Radium 226	0.48	0.48	
SWBK-24	URS	12-Apr-00	pCi/L	Radium 226	0.559	0.559	
SDBK-02/SWBK-02	URS	5-Apr-00	pCi/L	Radium 226	0.623	0.623	
SWBK-16/SDBK-16	URS	13-Apr-00	pCi/L	Radium 226	0.697	0.697	
SWBK-18	URS	12-Apr-00	pCi/L	Radium 226	0.713	0.713	
SWNW-01/SDNW-01	URS	11-Apr-00	pCi/L	Radium 226	1.77	1.77	
SWNW-02/SDNW-02	URS	11-Apr-00	pCi/L	Radium 226	2.65	2.65	
SWBK-23/SDBK-23	URS	13-Apr-00	pCi/L	Radium 226	4.36	4.36	
				Radium 226		4.36	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/L	Radium 228	0.717	0.717	
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/L	Radium 228	0.915	0.915	
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/L	Radium 228	0.988	0.988	
SWBK-17	URS	23-Sep-99	pCi/L	Radium 228	1.95	1.95	
SDBK-01/SWBK-01	URS	13-Sep-99	pCi/L	Radium 228	0.0518	ND	U
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/L	Radium 228	0.275	ND	U
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/L	Radium 228	0.195	ND	U
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/L	Radium 228	0.36	ND	U
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/L	Radium 228	0.46	ND	U
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/L	Radium 228	0.329	ND	U
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/L	Radium 228	0.497	ND	U
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/L	Radium 228	0.282	ND	U
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/L	Radium 228	0.393	ND	U
SWBK-18	URS	23-Sep-99	pCi/L	Radium 228	0.365	ND	U
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/L	Radium 228	0.323	ND	U
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/L	Radium 228	0.491	ND	U
SWBK-19	URS	30-Sep-99	pCi/L	Radium 228	0.371	ND	U
SWBK-20	URS	30-Sep-99	pCi/L	Radium 228	0.0729	ND	U
SWBK-21	URS	30-Sep-99	pCi/L	Radium 228	0.284	ND	U
SWBK-22	URS	30-Sep-99	pCi/L	Radium 228	0.289	ND	U
SWBK-23/SDBK-23	URS	30-Sep-99	pCi/L	Radium 228	0.397	ND	U
SWBK-24	URS	29-Oct-99	pCi/L	Radium 228	0.155	ND	U
				Radium 228		1.95	
SWBK-20	URS	12-Apr-00	pCi/L	Radium 228	0.724	0.724	
SWNW-03/SDNW-03	URS	11-Apr-00	pCi/L	Radium 228	0.775	0.775	

Table C-2
BACKGROUND DATA - SURFACE WATER URANIUM TOTAL MASS AND RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Units	Parameter Name	Result	Detected Results	Data Qualifier
SWBK-13/SDBK-13	URS	10-Apr-00	pCi/L	Radium 228	0.855	0.855	
SDBK-04/SWBK-04	URS	5-Apr-00	pCi/L	Radium 228	0.968	0.968	
SWNW-02/SDNW-02	URS	11-Apr-00	pCi/L	Radium 228	1.02	1.02	
SDBK-12/SWBK-12	URS	11-Apr-00	pCi/L	Radium 228	1.15	1.15	
SDBK-02/SWBK-02	URS	5-Apr-00	pCi/L	Radium 228	1.22	1.22	
SWBK-23/SDBK-23	URS	13-Apr-00	pCi/L	Radium 228	1.84	1.84	
SDBK-09/SWBK-09	URS	7-Apr-00	pCi/L	Radium 228	1.99	1.99	
SDBK-01/SWBK-01	URS	5-Apr-00	pCi/L	Radium 228	0.164	ND	U
SWBK-21	URS	7-Apr-00	pCi/L	Radium 228	0.328	ND	U
SWBK-22	URS	7-Apr-00	pCi/L	Radium 228	0.577	ND	U
SDBK-12/SWBK-12	URS	11-Apr-00	pCi/L	Radium 228	0.519	ND	U
SWBK-11/SDBK-11	URS	11-Apr-00	pCi/L	Radium 228	0.343	ND	U
SWNW-01/SDNW-01	URS	11-Apr-00	pCi/L	Radium 228	0.328	ND	U
SWBK-17	URS	12-Apr-00	pCi/L	Radium 228	0.456	ND	U
SWBK-18	URS	12-Apr-00	pCi/L	Radium 228	0.529	ND	U
SWBK-19	URS	12-Apr-00	pCi/L	Radium 228	0.169	ND	U
SWBK-24	URS	12-Apr-00	pCi/L	Radium 228	0.64	ND	U
SWBK-16/SDBK-16	URS	13-Apr-00	pCi/L	Radium 228	0.746	ND	U
				Radium 228		1.99	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/L	Thorium 232	0.00868	0.00868	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/L	Thorium 232	0.0107	0.0107	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/L	Thorium 232	0.0265	0.0265	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/L	Thorium 232	0.0301	0.0301	
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/L	Thorium 232	0.037	0.037	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/L	Thorium 232	0.0438	0.0438	
SWBK-18	URS	23-Sep-99	pCi/L	Thorium 232	0.0541	0.0541	
SWBK-23/SDBK-23	URS	30-Sep-99	pCi/L	Thorium 232	0.139	0.139	
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/L	Thorium 232	0.146	0.146	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/L	Thorium 232	0.318	0.318	
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/L	Thorium 232	0.806	0.806	
SWBK-17	URS	23-Sep-99	pCi/L	Thorium 232	2.18	2.18	
SDBK-01/SWBK-01	URS	13-Sep-99	pCi/L	Thorium 232	0.0593	ND	U
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/L	Thorium 232	0.0121	ND	U
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/L	Thorium 232	0.0144	ND	U
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/L	Thorium 232	-0.00134	ND	U
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/L	Thorium 232	0.0212	ND	U
SWBK-19	URS	30-Sep-99	pCi/L	Thorium 232	0.0223	ND	U
SWBK-20	URS	30-Sep-99	pCi/L	Thorium 232	0.0123	ND	U
SWBK-21	URS	30-Sep-99	pCi/L	Thorium 232	0.0168	ND	U
SWBK-22	URS	30-Sep-99	pCi/L	Thorium 232	0.014	ND	U
SWBK-24	URS	29-Oct-99	pCi/L	Thorium 232	0.0153	ND	U
				Thorium 232		2.18	
SDBK-01/SWBK-01	URS	5-Apr-00	pCi/L	Thorium 232	0.0126	0.0126	
SDBK-09/SWBK-09	URS	7-Apr-00	pCi/L	Thorium 232	0.0378	0.0378	J
SWBK-19	URS	12-Apr-00	pCi/L	Thorium 232	0.0443	0.0443	
SWBK-24	URS	12-Apr-00	pCi/L	Thorium 232	0.0643	0.0643	
SDBK-12/SWBK-12	URS	11-Apr-00	pCi/L	Thorium 232	0.0761	0.0761	
SWBK-17	URS	12-Apr-00	pCi/L	Thorium 232	0.0771	0.0771	
SDBK-12/SWBK-12	URS	11-Apr-00	pCi/L	Thorium 232	0.106	0.106	
SWBK-20	URS	12-Apr-00	pCi/L	Thorium 232	0.13	0.13	
SWBK-11/SDBK-11	URS	11-Apr-00	pCi/L	Thorium 232	0.174	0.174	
SDBK-02/SWBK-02	URS	5-Apr-00	pCi/L	Thorium 232	0.18	0.18	
SWBK-16/SDBK-16	URS	13-Apr-00	pCi/L	Thorium 232	0.229	0.229	
SWBK-18	URS	12-Apr-00	pCi/L	Thorium 232	0.246	0.246	
SWBK-23/SDBK-23	URS	13-Apr-00	pCi/L	Thorium 232	0.287	0.287	

Table C-2
BACKGROUND DATA - SURFACE WATER URANIUM TOTAL MASS AND RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Units	Parameter Name	Result	Detected Results	Data Qualifier
SWNW-02/SDNW-02	URS	11-Apr-00	pCi/L	Thorium 232	0.32	0.32	
SWNW-01/SDNW-01	URS	11-Apr-00	pCi/L	Thorium 232	0.387	0.387	
SDBK-04/SWBK-04	URS	5-Apr-00	pCi/L	Thorium 232	0.417	0.417	
SWBK-21	URS	7-Apr-00	pCi/L	Thorium 232	0.0258	ND	U
SWBK-22	URS	7-Apr-00	pCi/L	Thorium 232	0.0511	ND	U
SWBK-13/SDBK-13	URS	10-Apr-00	pCi/L	Thorium 232	0.0801	ND	U
SWNW-03/SDNW-03	URS	11-Apr-00	pCi/L	Thorium 232	0.00695	ND	U
				Thorium 232		0.417	
SWBK-20	URS	30-Sep-99	pCi/L	Uranium 234	0.15	0.15	
SWBK-19	URS	30-Sep-99	pCi/L	Uranium 234	0.175	0.175	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/L	Uranium 234	0.241	0.241	
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/L	Uranium 234	0.265	0.265	
SWBK-22	URS	30-Sep-99	pCi/L	Uranium 234	0.304	0.304	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/L	Uranium 234	0.354	0.354	
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/L	Uranium 234	0.375	0.375	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/L	Uranium 234	0.442	0.442	
SWBK-24	URS	29-Oct-99	pCi/L	Uranium 234	0.493	0.493	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/L	Uranium 234	0.61	0.61	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/L	Uranium 234	0.681	0.681	
SWBK-23/SDBK-23	URS	30-Sep-99	pCi/L	Uranium 234	0.703	0.703	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/L	Uranium 234	0.835	0.835	J
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/L	Uranium 234	0.863	0.863	J
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/L	Uranium 234	1.3	1.3	J
SWBK-18	URS	23-Sep-99	pCi/L	Uranium 234	1.53	1.53	
SWBK-21	URS	30-Sep-99	pCi/L	Uranium 234	2.5	2.5	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/L	Uranium 234	2.85	2.85	J
SDBK-01/SWBK-01	URS	13-Sep-99	pCi/L	Uranium 234	2.93	2.93	J
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/L	Uranium 234	3.73	3.73	
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/L	Uranium 234	5.55	5.55	
SWBK-17	URS	23-Sep-99	pCi/L	Uranium 234	7.04	7.04	
				Uranium 234		7.04	
SWBK-19	URS	12-Apr-00	pCi/L	Uranium 234	0.124	0.124	
SDBK-01/SWBK-01	URS	5-Apr-00	pCi/L	Uranium 234	0.268	0.268	
SWBK-22	URS	7-Apr-00	pCi/L	Uranium 234	0.384	0.384	
SWNW-03/SDNW-03	URS	11-Apr-00	pCi/L	Uranium 234	0.471	0.471	
SWBK-11/SDBK-11	URS	11-Apr-00	pCi/L	Uranium 234	0.616	0.616	
SWBK-17	URS	12-Apr-00	pCi/L	Uranium 234	0.748	0.748	
SWBK-21	URS	7-Apr-00	pCi/L	Uranium 234	0.749	0.749	
SWBK-20	URS	12-Apr-00	pCi/L	Uranium 234	0.839	0.839	
SDBK-12/SWBK-12	URS	11-Apr-00	pCi/L	Uranium 234	1.12	1.12	
SDBK-12/SWBK-12	URS	11-Apr-00	pCi/L	Uranium 234	1.17	1.17	
SDBK-09/SWBK-09	URS	7-Apr-00	pCi/L	Uranium 234	1.18	1.18	
SWBK-18	URS	12-Apr-00	pCi/L	Uranium 234	1.18	1.18	
SWBK-13/SDBK-13	URS	10-Apr-00	pCi/L	Uranium 234	1.42	1.42	
SDBK-02/SWBK-02	URS	5-Apr-00	pCi/L	Uranium 234	1.44	1.44	
SDBK-04/SWBK-04	URS	5-Apr-00	pCi/L	Uranium 234	1.62	1.62	
SWNW-01/SDNW-01	URS	11-Apr-00	pCi/L	Uranium 234	2.06	2.06	
SWBK-24	URS	12-Apr-00	pCi/L	Uranium 234	2.12	2.12	
SWBK-23/SDBK-23	URS	13-Apr-00	pCi/L	Uranium 234	2.33	2.33	
SWNW-02/SDNW-02	URS	11-Apr-00	pCi/L	Uranium 234	3.1	3.1	
SWBK-16/SDBK-16	URS	13-Apr-00	pCi/L	Uranium 234	4.96	4.96	
				Uranium 234		4.96	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/L	Uranium 235	0.0322	0.0322	J
SWBK-22	URS	30-Sep-99	pCi/L	Uranium 235	0.0333	0.0333	
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/L	Uranium 235	0.0477	0.0477	J

Table C-2
BACKGROUND DATA - SURFACE WATER URANIUM TOTAL MASS AND RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Units	Parameter Name	Result	Detected Results	Data Qualifier
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/L	Uranium 235	0.0706	0.0706	J
SWBK-21	URS	30-Sep-99	pCi/L	Uranium 235	0.0742	0.0742	
SWBK-18	URS	23-Sep-99	pCi/L	Uranium 235	0.0762	0.0762	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/L	Uranium 235	0.203	0.203	J
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/L	Uranium 235	0.207	0.207	
SDBK-01/SWBK-01	URS	13-Sep-99	pCi/L	Uranium 235	0.214	0.214	J
SWBK-17	URS	23-Sep-99	pCi/L	Uranium 235	0.494	0.494	
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/L	Uranium 235	1.73	1.73	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/L	Uranium 235	0	ND	U
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/L	Uranium 235	-0.00735	ND	U
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/L	Uranium 235	0	ND	U
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/L	Uranium 235	0.0306	ND	U
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/L	Uranium 235	0.0279	ND	U
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/L	Uranium 235	0.0288	ND	U
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/L	Uranium 235	0.0321	ND	U
SWBK-19	URS	30-Sep-99	pCi/L	Uranium 235	-0.00176	ND	U
SWBK-20	URS	30-Sep-99	pCi/L	Uranium 235	0.0235	ND	U
SWBK-23/SDBK-23	URS	30-Sep-99	pCi/L	Uranium 235	0.111	ND	UJ
SWBK-24	URS	29-Oct-99	pCi/L	Uranium 235	0.00969	ND	U
				Uranium 235		1.73	
SWBK-19	URS	12-Apr-00	pCi/L	Uranium 235	0.0213	0.0213	
SWBK-17	URS	12-Apr-00	pCi/L	Uranium 235	0.0406	0.0406	
SWBK-20	URS	12-Apr-00	pCi/L	Uranium 235	0.0466	0.0466	
SDBK-12/SWBK-12	URS	11-Apr-00	pCi/L	Uranium 235	0.0492	0.0492	
SWBK-11/SDBK-11	URS	11-Apr-00	pCi/L	Uranium 235	0.0529	0.0529	
SDBK-09/SWBK-09	URS	7-Apr-00	pCi/L	Uranium 235	0.069	0.069	
SWBK-18	URS	12-Apr-00	pCi/L	Uranium 235	0.0711	0.0711	
SDBK-12/SWBK-12	URS	11-Apr-00	pCi/L	Uranium 235	0.0938	0.0938	
SWBK-24	URS	12-Apr-00	pCi/L	Uranium 235	0.0963	0.0963	
SWNW-01/SDNW-01	URS	11-Apr-00	pCi/L	Uranium 235	0.107	0.107	
SDBK-04/SWBK-04	URS	5-Apr-00	pCi/L	Uranium 235	0.113	0.113	
SWBK-16/SDBK-16	URS	13-Apr-00	pCi/L	Uranium 235	0.115	0.115	
SDBK-02/SWBK-02	URS	5-Apr-00	pCi/L	Uranium 235	0.145	0.145	
SWBK-23/SDBK-23	URS	13-Apr-00	pCi/L	Uranium 235	0.153	0.153	
SWNW-02/SDNW-02	URS	11-Apr-00	pCi/L	Uranium 235	0.166	0.166	
SDBK-01/SWBK-01	URS	5-Apr-00	pCi/L	Uranium 235	0.035	ND	U
SWBK-21	URS	7-Apr-00	pCi/L	Uranium 235	0.0411	ND	U
SWBK-22	URS	7-Apr-00	pCi/L	Uranium 235	0.0744	ND	U
SWBK-13/SDBK-13	URS	10-Apr-00	pCi/L	Uranium 235	0.0748	ND	U
SWNW-03/SDNW-03	URS	11-Apr-00	pCi/L	Uranium 235	0.0583	ND	U
				Uranium 235		0.166	
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/L	Uranium 238	0.101	0.101	
SWBK-22	URS	30-Sep-99	pCi/L	Uranium 238	0.125	0.125	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/L	Uranium 238	0.148	0.148	
SWBK-20	URS	30-Sep-99	pCi/L	Uranium 238	0.161	0.161	
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/L	Uranium 238	0.175	0.175	
SWBK-19	URS	30-Sep-99	pCi/L	Uranium 238	0.179	0.179	
SWBK-24	URS	29-Oct-99	pCi/L	Uranium 238	0.225	0.225	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/L	Uranium 238	0.226	0.226	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/L	Uranium 238	0.258	0.258	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/L	Uranium 238	0.405	0.405	J
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/L	Uranium 238	0.485	0.485	J
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/L	Uranium 238	0.5	0.5	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/L	Uranium 238	0.568	0.568	
SWBK-23/SDBK-23	URS	30-Sep-99	pCi/L	Uranium 238	0.597	0.597	

Table C-2
BACKGROUND DATA - SURFACE WATER URANIUM TOTAL MASS AND RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Units	Parameter Name	Result	Detected Results	Data Qualifier
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/L	Uranium 238	0.772	0.772	J
SWBK-18	URS	23-Sep-99	pCi/L	Uranium 238	1.24	1.24	
SDBK-01/SWBK-01	URS	13-Sep-99	pCi/L	Uranium 238	1.7	1.7	J
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/L	Uranium 238	1.78	1.78	
SWBK-21	URS	30-Sep-99	pCi/L	Uranium 238	1.86	1.86	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/L	Uranium 238	2.68	2.68	
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/L	Uranium 238	2.8	2.8	
SWBK-17	URS	23-Sep-99	pCi/L	Uranium 238	5.48	5.48	
				Uranium 238		5.48	
SWBK-19	URS	12-Apr-00	pCi/L	Uranium 238	0.0564	0.0564	
SWBK-22	URS	7-Apr-00	pCi/L	Uranium 238	0.198	0.198	
SWNW-03/SDNW-03	URS	11-Apr-00	pCi/L	Uranium 238	0.2	0.2	
SDBK-01/SWBK-01	URS	5-Apr-00	pCi/L	Uranium 238	0.248	0.248	
SWBK-21	URS	7-Apr-00	pCi/L	Uranium 238	0.398	0.398	
SWBK-11/SDBK-11	URS	11-Apr-00	pCi/L	Uranium 238	0.5	0.5	
SWBK-17	URS	12-Apr-00	pCi/L	Uranium 238	0.538	0.538	
SWBK-20	URS	12-Apr-00	pCi/L	Uranium 238	0.708	0.708	
SDBK-12/SWBK-12	URS	11-Apr-00	pCi/L	Uranium 238	0.725	0.725	
SWBK-13/SDBK-13	URS	10-Apr-00	pCi/L	Uranium 238	0.806	0.806	
SDBK-12/SWBK-12	URS	11-Apr-00	pCi/L	Uranium 238	0.843	0.843	
SDBK-09/SWBK-09	URS	7-Apr-00	pCi/L	Uranium 238	0.905	0.905	
SWBK-18	URS	12-Apr-00	pCi/L	Uranium 238	1.03	1.03	
SDBK-02/SWBK-02	URS	5-Apr-00	pCi/L	Uranium 238	1.08	1.08	
SWBK-24	URS	12-Apr-00	pCi/L	Uranium 238	1.21	1.21	
SDBK-04/SWBK-04	URS	5-Apr-00	pCi/L	Uranium 238	1.32	1.32	
SWNW-01/SDNW-01	URS	11-Apr-00	pCi/L	Uranium 238	1.94	1.94	
SWBK-23/SDBK-23	URS	13-Apr-00	pCi/L	Uranium 238	2.03	2.03	
SWNW-02/SDNW-02	URS	11-Apr-00	pCi/L	Uranium 238	2.46	2.46	
SWBK-16/SDBK-16	URS	13-Apr-00	pCi/L	Uranium 238	2.76	2.76	
				Uranium 238		2.76	

Table C-3
BACKGROUND DATA - SEDIMENT COMPOSITE AND GRAB 95th UTLS

Analyte	Units	Composite Sediment					Grab Sediment				
		N	ND	ND/N	Preliminary Background Limit	Background Value	N	ND	ND/N	Preliminary Background Limit	Background Value
Aluminum, total	mg/kg	20	0	0.00%	17531	18000	19	0	0.00%	28848	29000
Antimony, total	mg/kg	17	16	94%	0.46	0.46	17	16	94%	0.36	0.36
Arsenic, total	mg/kg	20	2	10%	75.878	76	19	2	11%	89.951	90
Barium, total	mg/kg	20	0	0.00%	240.93	240	19	0	0.00%	303.61	300
Beryllium, total	mg/kg	20	0	0.00%	2.801	2.8	19	0	0.00%	4.142	4.1
Cadmium, total	mg/kg	20	3	15%	0.7226	0.72	19	2	11%	0.7034	0.7
Chromium, total	mg/kg	20	0	0.00%	18.046	18	19	0	0.00%	20.9	21
Cobalt, total	mg/kg	20	0	0.00%	11.694	12	19	0	0.00%	17.026	17
Copper, total	mg/kg	20	0	0.00%	27.95	28	19	0	0.00%	65.74	66
Iron, total	mg/kg	20	0	0.00%	22529	23000	19	0	0.00%	36021	36000
Lead, total	mg/kg	20	0	0.00%	16.134	16	19	0	0.00%	17.503	18
Magnesium, total	mg/kg	20	0	0.00%	3933.4	3900	19	0	0.00%	4380.5	4400
Manganese, total	mg/kg	20	0	0.00%	927.66	930	19	0	0.00%	1258.2	1300
Mercury, total	mg/kg	20	20	100%	0.12	0.12	19	19	100%	0.13	0.13
Nickel, total	mg/kg	20	0	0.00%	16.203	16	19	0	0.00%	30.338	30
Selenium, total	mg/kg	20	7	35%	1.3243	1.3	19	6	32%	1.3268	1.3
Silver, total	mg/kg	20	20	100%	0.14	0.14	19	19	100%	0.15	0.15
Sulfate	mg/kg	20	0	0.00%	68.022	68	19	0	0.00%	95.022	95
Thallium, total	mg/kg	20	13	65%	0.3251	0.32	19	12	63%	0.45	0.45
Uranium						66					110
Vanadium, total	mg/kg	20	0	0.00%	34.436	34	19	0	0.00%	39.778	40
Zinc, total	mg/kg	20	0	0.00%	71.316	71	19	0	0.00%	79.042	79

Table C-4
BACKGROUND DATA - SEDIMENT COMPOSITE URANIUM TOTAL MASS AND RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Units	Parameter Name	Result	Detected Results	Data Qualifier
SWNW-03/SDNW-03	URS	13-Sep-99	mg/kg	Calculated Uranium Mass	2.38	2.38	
SDBK-01/SWBK-01	URS	13-Sep-99	mg/kg	Calculated Uranium Mass	3.52	3.52	
SDBK-09/SWBK-09	URS	16-Sep-99	mg/kg	Calculated Uranium Mass	3.73	3.73	
SDBK-02/SWBK-02	URS	24-Sep-99	mg/kg	Calculated Uranium Mass	4.47	4.47	
SWBK-13/SDBK-13	URS	22-Sep-99	mg/kg	Calculated Uranium Mass	4.88	4.88	
SDBK-12/SWBK-12	URS	17-Sep-99	mg/kg	Calculated Uranium Mass	6.53	6.53	
SWBK-11/SDBK-11	URS	22-Sep-99	mg/kg	Calculated Uranium Mass	6.88	6.88	
SDBK-04/SWBK-04	URS	25-Sep-99	mg/kg	Calculated Uranium Mass	7.82	7.82	
SWBK-16/SDBK-16	URS	15-Sep-99	mg/kg	Calculated Uranium Mass	8.14	8.14	
SDBK-07/SWBK-07	URS	23-Sep-99	mg/kg	Calculated Uranium Mass	10.8	10.8	
SDBK-10/SWBK-10	URS	16-Sep-99	mg/kg	Calculated Uranium Mass	12	12	
SWNW-02/SDNW-02	URS	14-Sep-99	mg/kg	Calculated Uranium Mass	14.3	14.3	
SDBK-08/SWBK-08	URS	24-Sep-99	mg/kg	Calculated Uranium Mass	14.7	14.7	
SDBK-06/SWBK-06	URS	14-Sep-99	mg/kg	Calculated Uranium Mass	21.6	21.6	
SWNW-01/SDNW-01	URS	14-Sep-99	mg/kg	Calculated Uranium Mass	28.3	28.3	
SDBK-03/SWBK-03	URS	27-Sep-99	mg/kg	Calculated Uranium Mass	34.1	34.1	
SDBK-15/SWBK-15	URS	15-Sep-99	mg/kg	Calculated Uranium Mass	38	38	
SDBK-05/SWBK-05	URS	25-Sep-99	mg/kg	Calculated Uranium Mass	62.8	62.8	
SDBK-14/SWBK-14	URS	23-Sep-99	mg/kg	Calculated Uranium Mass	66.2	66.2	
				Calculated Uranium Mass Max			66.2
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/g	Radium 226	1.36	1.36	J
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/g	Radium 226	1.46	1.46	J
SDBK-01/SWBK-01	URS	13-Sep-99	pCi/g	Radium 226	1.54	1.54	J
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/g	Radium 226	1.56	1.56	J
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/g	Radium 226	1.76	1.76	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Radium 226	1.86	1.86	J
SDBK-03/SWBK-03	URS	27-Sep-99	pCi/g	Radium 226	1.97	1.97	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/g	Radium 226	2.05	2.05	J
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Radium 226	2.16	2.16	J
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Radium 226	2.31	2.31	J
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/g	Radium 226	2.66	2.66	
SDBK-06/SWBK-06	URS	14-Sep-99	pCi/g	Radium 226	3.38	3.38	J
SDBK-05/SWBK-05	URS	25-Sep-99	pCi/g	Radium 226	3.76	3.76	
SDBK-08/SWBK-08	URS	24-Sep-99	pCi/g	Radium 226	4.21	4.21	
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/g	Radium 226	4.49	4.49	J
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Radium 226	4.5	4.5	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Radium 226	4.6	4.6	
SDBK-14/SWBK-14	URS	23-Sep-99	pCi/g	Radium 226	5.82	5.82	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/g	Radium 226	6.48	6.48	J
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/g	Radium 226	6.99	6.99	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Radium 226	8.21	8.21	J
				Radium 226 Max			8.21
SDBK-08/SWBK-08	URS	24-Sep-99	pCi/g	Radium 228	1.23	1.23	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/g	Radium 228	1.43	1.43	
SDBK-01/SWBK-01	URS	13-Sep-99	pCi/g	Radium 228	1.43	1.43	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Radium 228	1.56	1.56	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/g	Radium 228	1.68	1.68	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Radium 228	1.94	1.94	
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/g	Radium 228	2.03	2.03	
SDBK-06/SWBK-06	URS	14-Sep-99	pCi/g	Radium 228	2.04	2.04	
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/g	Radium 228	2.13	2.13	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/g	Radium 228	2.29	2.29	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/g	Radium 228	2.49	2.49	
SDBK-14/SWBK-14	URS	23-Sep-99	pCi/g	Radium 228	2.49	2.49	
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/g	Radium 228	2.8	2.8	
SDBK-05/SWBK-05	URS	25-Sep-99	pCi/g	Radium 228	3.23	3.23	
SDBK-03/SWBK-03	URS	27-Sep-99	pCi/g	Radium 228	3.34	3.34	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Radium 228	4.03	4.03	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Radium 228	4.42	4.42	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Radium 228	4.7	4.7	
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/g	Radium 228	5.53	5.53	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/g	Radium 228	8.69	8.69	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Radium 228	1.01	ND	U
				Radium 228 Max			8.69
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/g	Thorium 232	0.35	0.35	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/g	Thorium 232	0.927	0.927	

Table C-4
BACKGROUND DATA - SEDIMENT COMPOSITE URANIUM TOTAL MASS AND RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Units	Parameter Name	Result	Detected Results	Data Qualifier
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Thorium 232	1.05	1.05	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/g	Thorium 232	1.08	1.08	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Thorium 232	1.23	1.23	
SDBK-01/SWBK-01	URS	13-Sep-99	pCi/g	Thorium 232	1.27	1.27	
SDBK-06/SWBK-06	URS	14-Sep-99	pCi/g	Thorium 232	1.32	1.32	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Thorium 232	1.35	1.35	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Thorium 232	1.36	1.36	
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/g	Thorium 232	1.51	1.51	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Thorium 232	1.52	1.52	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/g	Thorium 232	1.75	1.75	
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/g	Thorium 232	1.92	1.92	
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/g	Thorium 232	1.93	1.93	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/g	Thorium 232	2.07	2.07	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Thorium 232	2.2	2.2	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/g	Thorium 232	2.94	2.94	
SDBK-05/SWBK-05	URS	25-Sep-99	pCi/g	Thorium 232	2.94	2.94	
SDBK-08/SWBK-08	URS	24-Sep-99	pCi/g	Thorium 232	7.67	7.67	
SDBK-14/SWBK-14	URS	23-Sep-99	pCi/g	Thorium 232	13.1	13.1	
SDBK-03/SWBK-03	URS	27-Sep-99	pCi/g	Thorium 232	16.5	16.5	
				Thorium 232 Max			16.5
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/g	Uranium 234	0.842	0.842	
SDBK-01/SWBK-01	URS	13-Sep-99	pCi/g	Uranium 234	1.49	1.49	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/g	Uranium 234	1.64	1.64	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/g	Uranium 234	1.82	1.82	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/g	Uranium 234	2.42	2.42	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/g	Uranium 234	2.7	2.7	
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/g	Uranium 234	3.15	3.15	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Uranium 234	3.61	3.61	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Uranium 234	3.63	3.63	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Uranium 234	4.25	4.25	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Uranium 234	4.73	4.73	
SDBK-08/SWBK-08	URS	24-Sep-99	pCi/g	Uranium 234	4.84	4.84	
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/g	Uranium 234	5.47	5.47	
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/g	Uranium 234	7.24	7.24	
SDBK-06/SWBK-06	URS	14-Sep-99	pCi/g	Uranium 234	7.52	7.52	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/g	Uranium 234	10.3	10.3	
SDBK-03/SWBK-03	URS	27-Sep-99	pCi/g	Uranium 234	11.8	11.8	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Uranium 234	22.7	22.7	
SDBK-05/SWBK-05	URS	25-Sep-99	pCi/g	Uranium 234	25.3	25.3	
SDBK-14/SWBK-14	URS	23-Sep-99	pCi/g	Uranium 234	25.4	25.4	
				Uranium 234 Max			25.4
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/g	Uranium 235	0.0593	0.0593	
SDBK-01/SWBK-01	URS	13-Sep-99	pCi/g	Uranium 235	0.0819	0.0819	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/g	Uranium 235	0.0847	0.0847	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/g	Uranium 235	0.111	0.111	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/g	Uranium 235	0.123	0.123	
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/g	Uranium 235	0.138	0.138	
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/g	Uranium 235	0.164	0.164	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Uranium 235	0.206	0.206	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Uranium 235	0.212	0.212	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Uranium 235	0.222	0.222	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Uranium 235	0.292	0.292	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Uranium 235	0.33	0.33	
SDBK-08/SWBK-08	URS	24-Sep-99	pCi/g	Uranium 235	0.338	0.338	
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/g	Uranium 235	0.367	0.367	
SDBK-06/SWBK-06	URS	14-Sep-99	pCi/g	Uranium 235	0.429	0.429	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/g	Uranium 235	0.495	0.495	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Uranium 235	0.941	0.941	
SDBK-03/SWBK-03	URS	27-Sep-99	pCi/g	Uranium 235	0.961	0.961	
SDBK-05/SWBK-05	URS	25-Sep-99	pCi/g	Uranium 235	1.13	1.13	
SDBK-14/SWBK-14	URS	23-Sep-99	pCi/g	Uranium 235	1.53	1.53	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/g	Uranium 235	0.0325	ND	U
				Uranium 235 Max			1.53
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/g	Uranium 238	0.79	0.79	

Table C-4
BACKGROUND DATA - SEDIMENT COMPOSITE URANIUM TOTAL MASS AND RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Units	Parameter Name	Result	Detected Results	Data Qualifier
SDBK-01/SWBK-01	URS	13-Sep-99	pCi/g	Uranium 238	1.17	1.17	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/g	Uranium 238	1.24	1.24	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/g	Uranium 238	1.5	1.5	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/g	Uranium 238	1.62	1.62	
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/g	Uranium 238	2.17	2.17	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/g	Uranium 238	2.29	2.29	
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/g	Uranium 238	2.6	2.6	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Uranium 238	2.7	2.7	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Uranium 238	3.53	3.53	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Uranium 238	3.59	3.59	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Uranium 238	3.99	3.99	
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/g	Uranium 238	4.74	4.74	
SDBK-08/SWBK-08	URS	24-Sep-99	pCi/g	Uranium 238	4.88	4.88	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Uranium 238	5.7	5.7	
SDBK-06/SWBK-06	URS	14-Sep-99	pCi/g	Uranium 238	7.18	7.18	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/g	Uranium 238	9.44	9.44	
SDBK-03/SWBK-03	URS	27-Sep-99	pCi/g	Uranium 238	11.3	11.3	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Uranium 238	12.6	12.6	
SDBK-05/SWBK-05	URS	25-Sep-99	pCi/g	Uranium 238	20.9	20.9	
SDBK-14/SWBK-14	URS	23-Sep-99	pCi/g	Uranium 238	22	22	
				Uranium 238 Max			22

Table C-5
BACKGROUND DATA - SEDIMENT GRAB URANIUM TOTAL MASS AND RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Units	Parameter Name	Result	Detected Results	Data Qualifier
SDBK-01/SWBK-01	URS	12-Sep-99	pCi/g	Radium 226	1.4	1.4	J
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/g	Radium 226	1.48	1.48	J
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/g	Radium 226	6.63	6.63	J
SDBK-06/SWBK-06	URS	14-Sep-99	pCi/g	Radium 226	6.93	6.93	J
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Radium 226	1.55	1.55	J
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/g	Radium 226	8.47	8.47	J
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Radium 226	2.81	2.81	J
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Radium 226	8.42	8.42	J
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/g	Radium 226	1.95	1.95	J
SDBK-14/SWBK-14	URS	23-Sep-99	pCi/g	Radium 226	4.64	4.64	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/g	Radium 226	2.43	2.43	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/g	Radium 226	0.952	0.952	
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/g	Radium 226	2.57	2.57	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Radium 226	6.31	6.31	
SDBK-08/SWBK-08	URS	24-Sep-99	pCi/g	Radium 226	6.08	6.08	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/g	Radium 226	1.4	1.4	
SDBK-05/SWBK-05	URS	25-Sep-99	pCi/g	Radium 226	6.18	6.18	
SDBK-03/SWBK-03	URS	27-Sep-99	pCi/g	Radium 226	2.9	2.9	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Radium 226	1.8	1.8	J
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Radium 226	8.08	8.08	J
				Radium 226 Max		8.47	
SDBK-06/SWBK-06	URS	14-Sep-99	pCi/g	Radium 228	3.53	3.53	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/g	Radium 228	1.72	1.72	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Radium 228	0.734	ND	U
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/g	Radium 228	1.43	1.43	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Radium 228	3.41	3.41	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Radium 228	5.25	5.25	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/g	Radium 228	1.66	1.66	
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/g	Radium 228	3.52	3.52	
SDBK-01/SWBK-01	URS	12-Sep-99	pCi/g	Radium 228	1.64	1.64	
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/g	Radium 228	2.43	2.43	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/g	Radium 228	1.95	1.95	
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/g	Radium 228	3.5	3.5	
SDBK-05/SWBK-05	URS	25-Sep-99	pCi/g	Radium 228	2.61	2.61	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Radium 228	4.43	4.43	
SDBK-08/SWBK-08	URS	24-Sep-99	pCi/g	Radium 228	1.92	1.92	
SDBK-14/SWBK-14	URS	23-Sep-99	pCi/g	Radium 228	2.08	2.08	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/g	Radium 228	1.77	1.77	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/g	Radium 228	0.458	ND	U
SDBK-03/SWBK-03	URS	27-Sep-99	pCi/g	Radium 228	6.19	6.19	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Radium 228	3.34	3.34	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Radium 228	3.93	3.93	
				Radium 228 Max		6.19	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/g	Thorium 232	1.4	1.4	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/g	Thorium 232	0.707	0.707	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Thorium 232	1.04	1.04	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Thorium 232	1.11	1.11	
SDBK-06/SWBK-06	URS	14-Sep-99	pCi/g	Thorium 232	1.5	1.5	
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/g	Thorium 232	0.677	0.677	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Thorium 232	1.91	1.91	
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/g	Thorium 232	1.16	1.16	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/g	Thorium 232	1.62	1.62	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/g	Thorium 232	1.16	1.16	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/g	Thorium 232	0.9	0.9	

Table C-5
BACKGROUND DATA - SEDIMENT GRAB URANIUM TOTAL MASS AND RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Units	Parameter Name	Result	Detected Results	Data Qualifier
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/g	Thorium 232	1.74	1.74	
SDBK-05/SWBK-05	URS	25-Sep-99	pCi/g	Thorium 232	3.06	3.06	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Thorium 232	1.37	1.37	
SDBK-08/SWBK-08	URS	24-Sep-99	pCi/g	Thorium 232	4.03	4.03	
SDBK-14/SWBK-14	URS	23-Sep-99	pCi/g	Thorium 232	5	5	
SDBK-03/SWBK-03	URS	27-Sep-99	pCi/g	Thorium 232	8.33	8.33	
SDBK-01/SWBK-01	URS	12-Sep-99	pCi/g	Thorium 232	1.12	1.12	
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/g	Thorium 232	1.55	1.55	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Thorium 232	3.8	3.8	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Thorium 232	1.8	1.8	
				Thorium 232 Max		8.33	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/g	Uranium 234	16.5	16.5	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/g	Uranium 234	1.42	1.42	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Uranium 234	4.06	4.06	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Uranium 234	3.06	3.06	
SDBK-06/SWBK-06	URS	14-Sep-99	pCi/g	Uranium 234	21.7	21.7	
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/g	Uranium 234	1.23	1.23	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Uranium 234	30	30	
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/g	Uranium 234	31.9	31.9	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/g	Uranium 234	2.6	2.6	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/g	Uranium 234	2.71	2.71	
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/g	Uranium 234	21.9	21.9	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Uranium 234	4.6	4.6	
SDBK-08/SWBK-08	URS	24-Sep-99	pCi/g	Uranium 234	7.19	7.19	
SDBK-14/SWBK-14	URS	23-Sep-99	pCi/g	Uranium 234	5.8	5.8	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/g	Uranium 234	1.33	1.33	
SDBK-05/SWBK-05	URS	25-Sep-99	pCi/g	Uranium 234	44.7	44.7	
SDBK-03/SWBK-03	URS	27-Sep-99	pCi/g	Uranium 234	5.94	5.94	
SDBK-01/SWBK-01	URS	12-Sep-99	pCi/g	Uranium 234	1.8	1.8	
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/g	Uranium 234	1.16	1.16	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Uranium 234	5.17	5.17	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Uranium 234	29.1	29.1	
				Uranium 234 Max		44.7	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/g	Uranium 235	0.926	0.926	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/g	Uranium 235	0.0961	0.0961	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Uranium 235	0.24	0.24	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Uranium 235	0.152	0.152	
SDBK-06/SWBK-06	URS	14-Sep-99	pCi/g	Uranium 235	0.985	0.985	
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/g	Uranium 235	0.0542	0.0542	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Uranium 235	0.747	0.747	
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/g	Uranium 235	0.727	0.727	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/g	Uranium 235	0.165	0.165	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/g	Uranium 235	0.103	0.103	
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/g	Uranium 235	0.876	0.876	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Uranium 235	0.147	0.147	
SDBK-08/SWBK-08	URS	24-Sep-99	pCi/g	Uranium 235	0.433	0.433	
SDBK-14/SWBK-14	URS	23-Sep-99	pCi/g	Uranium 235	0.316	0.316	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/g	Uranium 235	0.067	0.067	
SDBK-05/SWBK-05	URS	25-Sep-99	pCi/g	Uranium 235	1.98	1.98	
SDBK-03/SWBK-03	URS	27-Sep-99	pCi/g	Uranium 235	0.348	0.348	
SDBK-01/SWBK-01	URS	12-Sep-99	pCi/g	Uranium 235	0.0504	ND	U
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/g	Uranium 235	0.0954	0.0954	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Uranium 235	0.259	0.259	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Uranium 235	1.01	1.01	

Table C-5
BACKGROUND DATA - SEDIMENT GRAB URANIUM TOTAL MASS AND RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Units	Parameter Name	Result	Detected Results	Data Qualifier
				Uranium 235 Max		1.98	
SWNW-01/SDNW-01	URS	14-Sep-99	pCi/g	Uranium 238	16.3	16.3	
SDBK-09/SWBK-09	URS	16-Sep-99	pCi/g	Uranium 238	1.13	1.13	
SDBK-10/SWBK-10	URS	16-Sep-99	pCi/g	Uranium 238	3.65	3.65	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Uranium 238	2.15	2.15	
SDBK-06/SWBK-06	URS	14-Sep-99	pCi/g	Uranium 238	20.7	20.7	
SDBK-12/SWBK-12	URS	17-Sep-99	pCi/g	Uranium 238	0.975	0.975	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Uranium 238	19.2	19.2	
SWNW-02/SDNW-02	URS	14-Sep-99	pCi/g	Uranium 238	16.5	16.5	
SWBK-11/SDBK-11	URS	22-Sep-99	pCi/g	Uranium 238	2.31	2.31	
SWBK-13/SDBK-13	URS	22-Sep-99	pCi/g	Uranium 238	1.73	1.73	
SDBK-04/SWBK-04	URS	25-Sep-99	pCi/g	Uranium 238	10.7	10.7	
SDBK-07/SWBK-07	URS	23-Sep-99	pCi/g	Uranium 238	4.81	4.81	
SDBK-08/SWBK-08	URS	24-Sep-99	pCi/g	Uranium 238	6.48	6.48	
SDBK-14/SWBK-14	URS	23-Sep-99	pCi/g	Uranium 238	5.73	5.73	
SDBK-02/SWBK-02	URS	24-Sep-99	pCi/g	Uranium 238	1.22	1.22	
SDBK-05/SWBK-05	URS	25-Sep-99	pCi/g	Uranium 238	35.6	35.6	
SDBK-03/SWBK-03	URS	27-Sep-99	pCi/g	Uranium 238	5.35	5.35	
SDBK-01/SWBK-01	URS	12-Sep-99	pCi/g	Uranium 238	1.33	1.33	
SWNW-03/SDNW-03	URS	13-Sep-99	pCi/g	Uranium 238	1.22	1.22	
SWBK-16/SDBK-16	URS	15-Sep-99	pCi/g	Uranium 238	3.58	3.58	
SDBK-15/SWBK-15	URS	15-Sep-99	pCi/g	Uranium 238	18	18	
				Uranium 238 Max		35.6	
SDBK-01/SWBK-01	URS	12-Sep-99	mg/kg	Uranium Mass, calculated	3.97	3.97	
SDBK-02/SWBK-02	URS	24-Sep-99	mg/kg	Uranium Mass, calculated	3.66	3.66	
SDBK-03/SWBK-03	URS	27-Sep-99	mg/kg	Uranium Mass, calculated	16.1	16.1	
SDBK-04/SWBK-04	URS	25-Sep-99	mg/kg	Uranium Mass, calculated	32.3	32.3	
SDBK-05/SWBK-05	URS	25-Sep-99	mg/kg	Uranium Mass, calculated	107	107	
SDBK-06/SWBK-06	URS	14-Sep-99	mg/kg	Uranium Mass, calculated	62.1	62.1	
SDBK-07/SWBK-07	URS	23-Sep-99	mg/kg	Uranium Mass, calculated	14.4	14.4	
SDBK-08/SWBK-08	URS	24-Sep-99	mg/kg	Uranium Mass, calculated	19.5	19.5	
SDBK-09/SWBK-09	URS	16-Sep-99	mg/kg	Uranium Mass, calculated	3.41	3.41	
SDBK-10/SWBK-10	URS	16-Sep-99	mg/kg	Uranium Mass, calculated	11	11	
SDBK-12/SWBK-12	URS	17-Sep-99	mg/kg	Uranium Mass, calculated	2.93	2.93	
SDBK-14/SWBK-14	URS	23-Sep-99	mg/kg	Uranium Mass, calculated	17.2	17.2	
SDBK-15/SWBK-15	URS	15-Sep-99	mg/kg	Uranium Mass, calculated	57.5	57.5	
SWBK-11/SDBK-11	URS	22-Sep-99	mg/kg	Uranium Mass, calculated	6.96	6.96	
SWBK-13/SDBK-13	URS	22-Sep-99	mg/kg	Uranium Mass, calculated	5.2	5.2	
SWBK-16/SDBK-16	URS	15-Sep-99	mg/kg	Uranium Mass, calculated	6.47	6.47	
SWNW-01/SDNW-01	URS	14-Sep-99	mg/kg	Uranium Mass, calculated	49	49	
SWNW-02/SDNW-02	URS	14-Sep-99	mg/kg	Uranium Mass, calculated	49.5	49.5	
SWNW-03/SDNW-03	URS	13-Sep-99	mg/kg	Uranium Mass, calculated	3.68	3.68	
				Uranium Mass, calculated Max		107	